

## MODEL NUMBERS

| STEEL TOP      | SHOP TOP         | PLASTIC LAMINATE TOP | BUTCHER BLOCK TOP |
|----------------|------------------|----------------------|-------------------|
| 7D175 (1000S)  | 7D187 (1003W)    | 7D181 (1006L)        | 7D193 (1009M)     |
| 7D176 (1001S)  | 7D188 (1004W)    | 7D182 (1007L)        | 7D194 (1010M)     |
| 7D177 (1002S)  | 7D189 (1005W)    | 7D183 (1008L)        | 7D195 (1011M)     |
| 7D178 (5303)   | 7D190 (W5325)    | 7D184 (L5328)        | 7D196 (M5331)     |
| 7D179 (5305)   | 7D191 (W5326)    | 7D185 (L5329)        | 7D197 (M5332)     |
| 7D180 (5306)   | 7D192 (W5327)    | 7D186 (L5330)        | 7D198 (M5333)     |
| 4TW34 (5303TA) | 4TW87 (ST3060TA) | 4TW74 (GLT3060TA)    | 4TW44 (BB3060TA)  |
| 4TW35 (5305TA) | 4TW88 (ST3072TA) | 4TW75 (GLT3072TA)    | 4TW45 (BB3072TA)  |
| 4TW36 (5306TA) | 4TW89 (ST3672TA) | 4TW77 (GLT3672TA)    | 4TW47 (BB3672TA)  |
| ACCESSORIES    |                  |                      |                   |
| — (5409)       | — (5501)         | 5W677 (5505)         | 4TW57 (E-702)     |
| 5W672 (5410)   | — (5502)         | 5W678 (5506)         | 4TW58 (E-703)     |
| 5W673 (5411)   | 5W676 (5503)     | 4TW38 (5507)         | 5W674 (E-704)     |
| 5W671 (SD2014) | — (5504)         | 4TW67 (5508)         | 5W681 (ABL30)     |
| — (BD2318)     |                  |                      | 5W682 (ABL36)     |

## General Instructions

- To facilitate assembly, please familiarize yourself with the different parts and components first.
- Refer to instruction sheet(s) that come with accessories prior to adding them to your workbench.
- When drilling into wooden top, take care not to drill through it.

## Safety Instructions

- Use proper lifting techniques when handling heavy components. For large and heavier parts, more than one person will be required to handle and setup the system.
- Some metal parts may have sharp corners and edges. Use gloves and handle parts carefully.
- After assembly is completed, check that all fasteners are tightened and check unit for proper leveling and stability.
- Do not step on the unit.

Should you have any comments or problems with the assembly of these units, please contact Edsal Manufacturing by calling (773) 254-0600 and requesting Customer Service. Edsal Manufacturing has made every effort to assure that all units are complete and undamaged. However, should your unit have damaged or missing parts, replacements can be obtained directly from Edsal Manufacturing by calling Customer Service. To obtain replacement parts, please provide the following information: Model Number - Part Number and Description - Location Unit was Purchased - Date Unit was Purchased.

# ASSEMBLY INSTRUCTIONS

## Adjustable Legs

5W681 (ABL30)  
5W682 (ABL36)

1. Insert legs into openings of bases and at desired height, secure with two (2) 3/8-16x3/4" nuts and bolts. (Figure 1)

## Fixed Legs (Figure 1A)

4TW39 (5709)  
4TW40 (5710)

## Steel Workbench Tops

(Refer to Cover Page for Model Nos.)

1. Place benchtop on horses or on protected surface with the top facing down. (Figure 2)
2. Bolt one (1) top side rail to the top of the leg at the center hole with one (1) 1/4-20x1/2" nut and bolt, keeping the edge of the top side rail flush with the outer side of the leg. Only make connections with the nut and bolt. Do not tighten.
3. Insert the top side rail with leg attached into the ends of the steel top. Align the holes at the end of the bench leg with the holes in the top, and secure with four (4) 1/4-20x1/2" nuts and bolts. Hand-tighten the nut only. Repeat steps 2 and 3 for the second leg.
4. When assembling a 36"x72" (4TW36 or 5306TA) steel workbench, an additional top side rail is furnished as a stiffener. Invert rail, position in center of steel top, and fasten through matching holes in the flanges of the top. Now tighten all nuts and bolts.
5. Assemble stringer to inside of fixed legs or outside of adjustable legs using four (4) 1/4-20x1/2" nuts and bolts. (Figure 2)

## Shop Top Workbench Top

### Plastic Laminate Top

### Butcher Block Maple Workbench Top

(Refer to Cover Page for Model Nos.)

1. Place benchtop on horses or protected surface with the top facing down. (Figure 3)
2. Assemble stringer to inside of fixed legs or outside of adjustable legs using four (4) 1/4-20x1/2" nuts and bolts.
3. Center legs and stringer assembly on the underside of the top. Mark hole locations and drill for easier assembly.
4. Attach legs and stringer assembly on bench top with twelve (12) #14x1/2" wood screws. (Figure 3)

## Electronic Risers

5W674 (E704)  
4TW57 (E702)  
4TW58 (E703)

1. Upon completing the electrical work, assemble the electronic riser and electrical cover to the left and right sides using eight (8) 1/4-20x1/2" nuts and bolts. The lower edge of the electrical wire cover rests on the top of the return flange of the electronic riser shelf. The front of the sides should be placed over the front of the riser shelf and the top flange of the sides should be under the shelf. (Figure 4)

## Lower Shelf

5W679 (5602) ——— (5601)  
5W680 (5603)

1. Assemble the lower shelf (Figure 6) to the top of the leg base using four (4) 1/4-20x1/2" nuts and bolts.

## Back & End Stops

|              |              |
|--------------|--------------|
| ————— (5501) | ————— (5502) |
| 5W676 (5503) | ————— (5504) |
| 5W677 (5505) | 5W678 (5506) |
| 4TW38 (5507) | 4TW67 (5508) |

NOTE: When assembling with a riser, the riser is assembled first, and the end stops are positioned outside of the riser sides. Some nuts, bolts and screws are used for both riser and back & end stops. Nuts and bolts are used for steel tops and wood screws are used for non-steel tops.

1. When assembling to a 96" workbench top [4TW38 (5507) or 4TW67 (5508)], connect the two back stops with a splice plate and two (2) 1/4-20x1/2" nuts and bolts. (Figure 5A)
2. Assemble the end stops to the back stop by inserting the top edge of the end stop's flange under the folded flange of the back stop, and connect with two (2) 1/4-20x1/2" nuts and bolts. (If a riser has already been assembled, the bolts will pass through the holes on the riser sides.) Do not tighten. (Figure 5)
3. Attach the back and end stop assembly to the workbench top using 1/4-20x1/2" nuts and bolts for steel top or #14x3/4" wood screws on non-steel stop. Mark holes and drill for easier assembly on non-steel top. Align and tighten all parts, nuts, bolts and screws.

## Stacking Drawer

5W671 (SD2014)

1. Remove drawer from case.
2. If using a padlock, remove knockout from the drawer front and assemble the hasp to the underside of the case top at the center hole using one (1) 1/4-20x1/2" nut and bolt. (Figure 7)
3. For assembly to a steel top, bolt two (2) short brackets to the top front of the case and two (2) long brackets to the rear of the case using four (4) 1/4-20x1/2" nuts and bolts. Secure the assembly to the top's flanges with four (4) additional nuts and bolts. (Figure 7A)
4. For assembly to non-steel top, mount case directly on workbench using four (4) #14x3/4" wood screws.
5. Assemble drawer to case, and when drawer is 3/4 open, push out one (1) tab on each end of the drawer to create stops. (Figure 7B)

## Bench Drawer

BD2318

1. Remove cover from drawer.
2. Assemble two (2) long brackets to the top rear of the cover using two (2) 1/4-20x1/2" nuts and bolts. (To prevent any obstruction inside the drawer assembly, the bolts must come from the bottom pointing upwards.)
3. For assembly to a 30" steel top, use the second hole from the end of the bracket to connect it with the drawer cover. For 36" steel top, use the third hole from the end of the bracket. (Figure 7C)
4. Rest the ends of the brackets over the bottom flange of the steel top's rear.
5. Line up the front holes of the cover with those of the steel top's bottom flange in front and secure with two (2) 1/4-20x1/2" nuts and bolts.
6. Secure the brackets with the top at rear with two (2) 1/4-20x1/2" nuts and bolts. Tighten all nuts and bolts and reinstall drawer.
7. For assembly to non-steel top, mount cover directly on workbench using four (4) #14x3/4" wood screws.

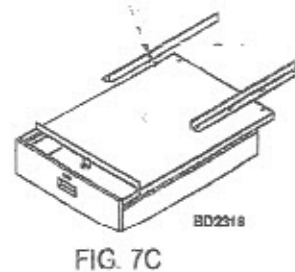
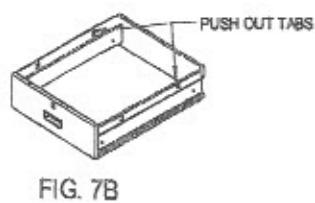
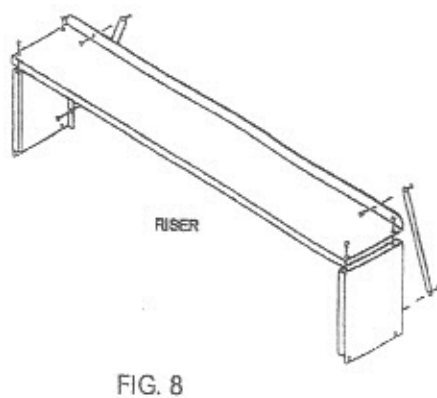
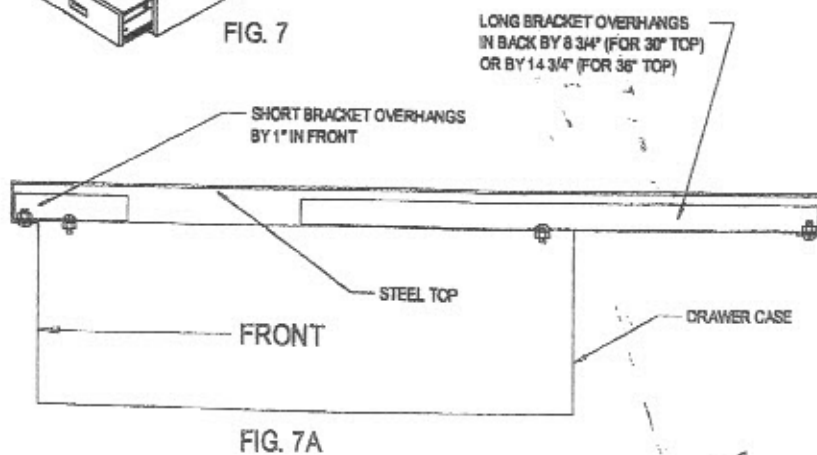
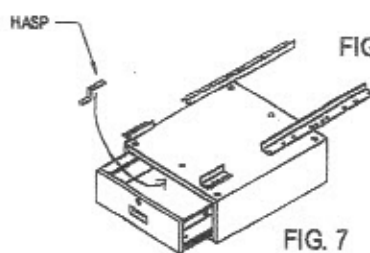
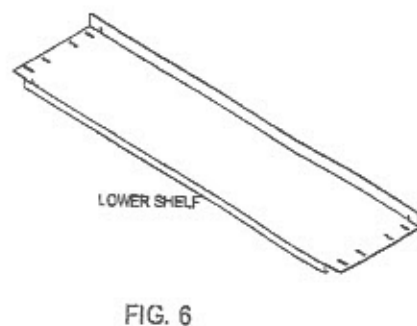
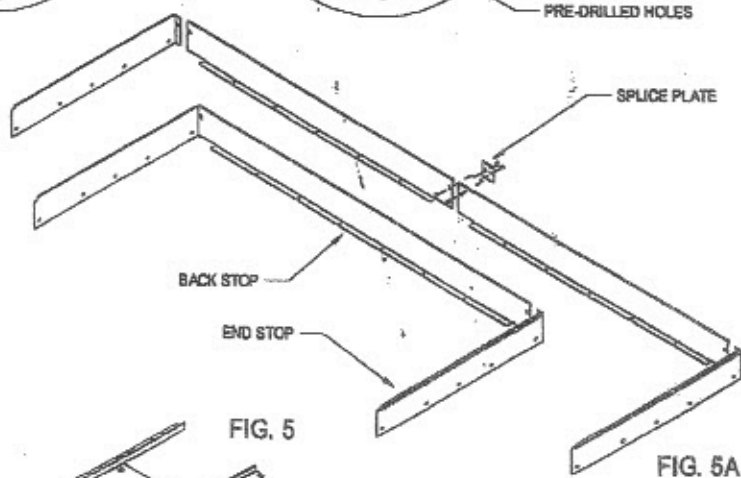
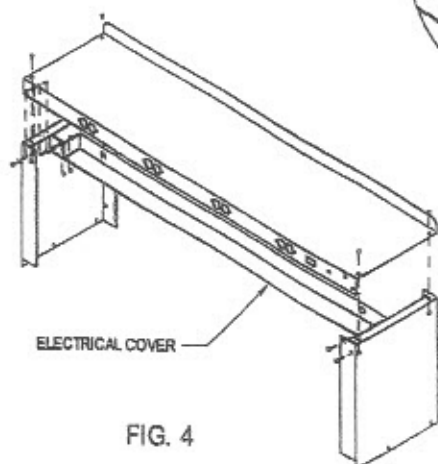
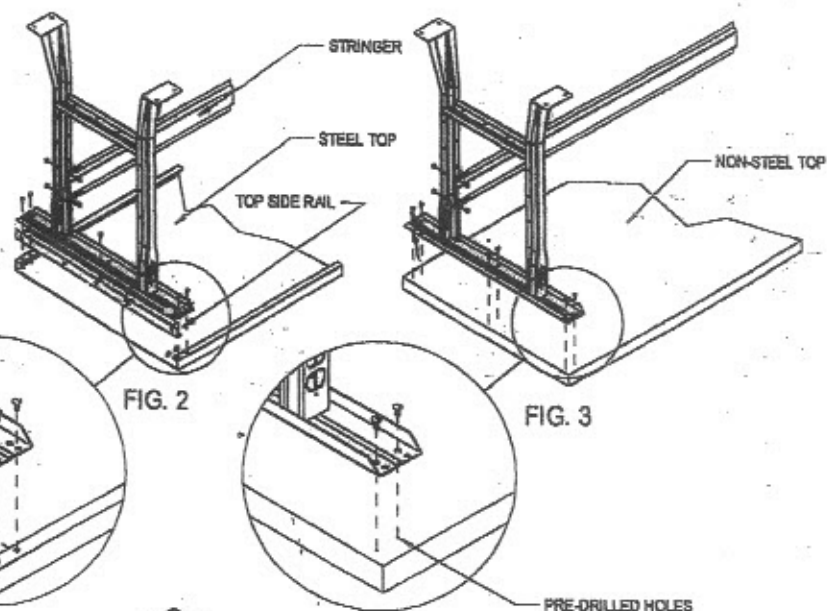
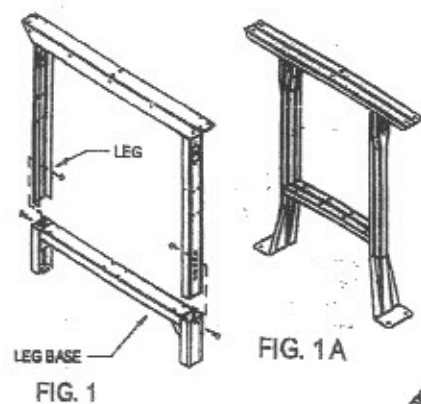
## Workbench Risers

5W672 (5410) ——— (5409)  
5W673 (5411)

1. Assemble the workbench riser shelf to the top flange of the left and right sides using four (4) 1/4-20x1/2" nuts and bolts.
2. Attach braces to the backs of the sides and riser shelf using four (4) 1/4-20x1/2" nuts and bolts. (Figure 8)

## TOOLS NECESSARY FOR ASSEMBLY

Blade, Screwdriver, 7/16" Wrench, 9/16" Wrench, Drill, 1/8" Drill Bit, Pencil



| 7D175 100S 4TW34    | PART #   |
|---------------------|----------|
| 1 Steel Top 30"x60" | 4055     |
| 2 Top Side Rails    | 2120     |
| 1 Stringer          | 7030     |
| 2 Legs              | ABL30L   |
| 2 Leg Bases         | ABL30B   |
| 4 Bolts 3/8-16x3/4  | F381634B |
| 4 Nuts 3/8-16       | F3816N   |
| 16 Bolts 1/4-20x1/2 | F1420S   |
| 16 Nuts 1/4-20      | F1420N   |

| 7D187 100SW 4TW67<br>7D181 100SL 4TW74<br>7D183 100SM 4TW44 | PART #                |
|---|-----------------------|
| 1 Shop Top 30"x60"  | ST3060 or GLT3060R or |
| 1 Laminated Top 30"x60"                                     | BB3060R               |
| 1 Maple Top 30"x60"   | 7030                  |
| 1 Stringer  | 7030                  |
| 2 Legs  | ABL30L                |
| 2 Leg Bases   | ABL30B                |
| 4 Bolts 3/8-16x3/4  | F381634B              |
| 4 Nuts 3/8-16   | F3816N                |
| 12 Wood Screws #14x3/4                                      | F1434SM               |
| 4 Bolts 1/4-20x1/2  | F1420S                |
| 4 Nuts 1/4-20   | F1420N                |

| 7D172 5303          | PART # |
|---------------------|--------|
| 1 Steel Top 30"x60" | 4055   |
| 2 Top Side Rails    | 2120   |
| 1 Stringer          | 7030   |
| 2 Legs 30"          | 5709   |
| 16 Bolts 1/4-20x1/2 | F1420S |
| 16 Nuts 1/4-20      | F1420N |

| 7D190 W5325<br>7D184 L5326<br>7D196 M5331 | PART #                |
|---|-----------------------|
| 1 Shop Top 30"x60"                        | ST3060 or GLT3060R or |
| 1 Laminated Top 30"x60"                   | BB3060R               |
| 1 Maple Top 30"x60"                       | 7030                  |
| 1 Stringer                                | 7030                  |
| 2 Legs 30"                                | 5709                  |
| 12 Wood Screws #14x3/4                    | F1434SM               |
| 4 Bolts 1/4-20x1/2                        | F1420S                |
| 4 Nuts 1/4-20                             | F1420N                |

| 5W681 ABL30        | PART #   |
|--------------------|----------|
| 2 Legs             | ABL30L   |
| 2 Leg Bases        | ABL30B   |
| 4 Bolts 3/8-16x3/4 | F381634B |
| 4 Nuts 3/8-16      | F3816N   |

| 5W682 ABL36        | PART #   |
|--------------------|----------|
| 2 Legs             | ABL36L   |
| 2 Leg Bases        | ABL36B   |
| 4 Bolts 3/8-16x3/4 | F381634B |
| 4 Nuts 3/8-16      | F3816N   |

| 5W674 E-704                 | PART #  |
|-----------------------------|---------|
| 1 Electronic Riser Top 60"  | 4062    |
| 1 Electronic Wire Cover 60" | 9917    |
| 1 Left Side                 | 2125    |
| 1 Right Side                | 2126    |
| 12 Bolts 1/4-20x1/2         | F1420S  |
| 12 Nuts 1/4-20              | F1420N  |
| 4 Wood Screws #14x3/4       | F145SMS |

| 5409<br>5W672 5410<br>5W673 5411 | PART #  |
|----------------------------------|---------|
| 1 Riser Shelf 48"                | 5127 or |
| 1 Riser Shelf 60"                | 5128 or |
| 1 Riser Shelf 72"                | 5129    |
| 1 Left Side                      | 2123    |
| 1 Right Side                     | 2124    |
| 2 Braces                         | 7042    |
| 12 Bolts 1/4-20x1/2              | F1420S  |
| 12 Nuts 1/4-20                   | F1420N  |
| 4 Wood Screws #14x3/4            | F1434SM |

| 5801<br>5W679 5802<br>5W680 5803 | PART #  |
|----------------------------------|---------|
| Lower Shelf 48"                  | 5130 or |
| Lower Shelf 60"                  | 5110 or |
| Lower Shelf 72"                  | 5111    |
| 12 Bolts 1/4-20x1/2              | F1420S  |
| 12 Nuts 1/4-20                   | F1420N  |

| 7D176 100S 4TW35    | PART #   |
|---------------------|----------|
| 1 Steel Top 30"x72" | 4058     |
| 2 Top Side Rails    | 2120     |
| 1 Stringer          | 7032     |
| 2 Legs              | ABL30L   |
| 2 Leg Bases         | ABL30B   |
| 4 Bolts 3/8-16x3/4  | F381634B |
| 4 Nuts 3/8-16       | F3816N   |
| 16 Bolts 1/4-20x1/2 | F1420S   |
| 16 Nuts 1/4-20      | F1420N   |

| 7D188 1004W 4TW66<br>7D182 1007L 4TW75<br>7D184 1010M 4TW45 | PART #                |
|---|-----------------------|
| 1 Shop Top 30"x72"  | ST3080 or GLT3080R or |
| 1 Laminated Top 30"x72"                                     | BB3080R               |
| 1 Maple Top 30"x72"   | 7030                  |
| 1 Stringer  | 7030                  |
| 2 Legs  | ABL30L                |
| 2 Leg Bases   | ABL30B                |
| 4 Bolts 3/8-16x3/4  | F381634B              |
| 4 Nuts 3/8-16   | F3816N                |
| 12 Wood Screws #14x3/4                                      | F1434SM               |
| 4 Bolts 1/4-20x1/2  | F1420S                |
| 4 Nuts 1/4-20   | F1420N                |

| 7D178 5305          | PART # |
|---------------------|--------|
| 1 Steel Top 30"x72" | 4058   |
| 2 Top Side Rails    | 2120   |
| 1 Stringer          | 7032   |
| 2 Legs 30"          | 5709   |
| 16 Bolts 1/4-20x1/2 | F1420S |
| 16 Nuts 1/4-20      | F1420N |

| 7D191 W5326<br>7D185 L5329<br>7D197 M5332 | PART #                |
|---|-----------------------|
| 1 Shop Top 30"x72"                        | ST3072 or GLT3072R or |
| 1 Laminated Top 30"x72"                   | BB3072R               |
| 1 Maple Top 30"x72"                       | 7032                  |
| 1 Stringer                                | 7032                  |
| 2 Legs 30"                                | 5709                  |
| 12 Wood Screws #14x3/4                    | F1434SM               |
| 4 Bolts 1/4-20x1/2                        | F1420S                |
| 4 Nuts 1/4-20                             | F1420N                |

| 4TW38 5507              | PART #  |
|-------------------------|---------|
| 2 Back Stop 48"         | 1048    |
| 1 Left End Stop 30"     | 2104    |
| 1 Right End Stop 30"    | 2105    |
| 1 Splice Plate          | 9881    |
| 22 Bolts 1/4-20x1/2     | F1420S  |
| 22 Nuts 1/4-20          | F1420N  |
| 20 Wood Screws #14x1/2" | F1434SM |

| 4TW39 5709 | PART # |
|------------|--------|
| 2 Legs 30" | 5709   |

| 4TW67 E-702                 | PART #  |
|-----------------------------|---------|
| 1 Electronic Riser Top 72"  | 4063    |
| 1 Electronic Wire Cover 72" | 9916    |
| 1 Left Side                 | 2125    |
| 1 Right Side                | 2126    |
| 12 Bolts 1/4-20x1/2         | F1420S  |
| 12 Nuts 1/4-20              | F1420N  |
| 4 Wood Screws #14x3/4       | F145SMS |

| 5501<br>5W676 5503<br>5W677 5505 | PART #  |
|----------------------------------|---------|
| 1 Back Stop 48"                  | 1048 or |
| 1 Back Stop 60"                  | 1041 or |
| 1 Back Stop 72"                  | 1042 or |
| 1 Back Stop 96"                  | 1048    |
| 1 Left End Stop 30"              | 2104    |
| 1 Right End Stop 30"             | 2105    |
| 16 Bolts 1/4-20x1/2              | F1420S  |
| 16 Nuts 1/4-20                   | F1420N  |
| 4 Wood Screws #14x3/4            | F1434SM |

| 5W677 5505            | PART #  |
|-----------------------|---------|
| 1 Case                | 8210    |
| 1 Drawer              | SD2014D |
| 1 Hasp                | 9836    |
| 2 Short Brackets      | 7043    |
| 2 Long Brackets       | 7544    |
| 8 Bolts 1/4-20x1/2    | F1420S  |
| 8 Nuts 1/4-20         | F1420N  |
| 4 Wood screws #14x3/4 | F1434SM |

| 7D177 100S 4TW36    | PART #   |
|---------------------|----------|
| 1 Steel Top 36"x72" | 4057     |
| 2 Top Side Rails    | 2121     |
| 1 Stringer          | 7032     |
| 2 Legs              | ABL36L   |
| 2 Leg Bases         | ABL36B   |
| 4 Bolts 3/8-16x3/4  | F381634B |
| 4 Nuts 3/8-16       | F3816N   |
| 16 Bolts 1/4-20x1/2 | F1420S   |
| 16 Nuts 1/4-20      | F1420N   |

| 7D189 100SW 4TW60<br>7D183 100SL 4TW77<br>7D185 1011M 4TW47 | PART #                |
|---|-----------------------|
| 1 Shop Top 36"x72"  | ST3080 or GLT3080R or |
| 1 Laminated Top 36"x72"                                     | BB3080R               |
| 1 Maple Top 36"x72"   | 7030                  |
| 1 Stringer  | 7030                  |
| 2 Legs  | ABL30L                |
| 2 Leg Bases   | ABL30B                |
| 4 Bolts 3/8-16x3/4  | F381634B              |
| 4 Nuts 3/8-16   | F3816N                |
| 12 Wood Screws #14x3/4                                      | F1434SM               |
| 4 Bolts 1/4-20x1/2  | F1420S                |
| 4 Nuts 1/4-20   | F1420N                |

| 7D180 5308          | PART # |
|---------------------|--------|
| 1 Steel Top 36"x72" | 4057   |
| 2 Top Side Rails    | 2121   |
| 1 Stringer          | 7032   |
| 2 Legs 36"          | 5710   |
| 16 Bolts 1/4-20x1/2 | F1420S |
| 16 Nuts 1/4-20      | F1420N |

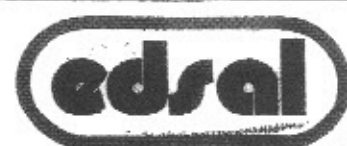
| 7D192 W5327<br>7D188 L5330<br>7D198 M5333 | PART #                |
|---|-----------------------|
| 1 Shop Top 36"x72"                        | ST3672 or GLT3672R or |
| 1 Laminated Top 36"x72"                   | BB3672R               |
| 1 Maple Top 36"x72"                       | 7032                  |
| 1 Stringer                                | 7032                  |
| 2 Legs 36"                                | 5710                  |
| 12 Wood Screws #14x3/4                    | F1434SM               |
| 4 Bolts 1/4-20x1/2                        | F1420S                |
| 4 Nuts 1/4-20                             | F1420N                |

| 4TW67 5508              | PART #  |
|-------------------------|---------|
| 2 Back Stop 48"         | 1048    |
| 1 Left End Stop 36"     | 2103    |
| 1 Right End Stop 36"    | 2102    |
| 1 Splice Plate          | 9881    |
| 22 Bolts 1/4-20x1/2     | F1420S  |
| 22 Nuts 1/4-20          | F1420N  |
| 20 Wood Screws #14x1/2" | F1434SM |

| 4TW40 5710 | PART # |
|------------|--------|
| 2 Legs 36" | 5710   |

| 4TW68 E-703                 | PART #  |
|-----------------------------|---------|
| 1 Electronic Riser Top 96"  | 4084    |
| 1 Electronic Wire Cover 96" | 9915    |
| 1 Left Side                 | 2125    |
| 1 Right Side                | 2126    |
| 12 Bolts 1/4-20x1/2         | F1420S  |
| 12 Nuts 1/4-20              | F1420N  |
| 4 Wood Screws #14x3/4       | F145SMS |

| 5502<br>5504<br>5W678 5506 | PART #  |
|----------------------------|---------|
| 1 Back Stop 48"            | 1048 or |
| 1 Back Stop 60"            | 1041 or |
| 1 Back Stop 72"            | 1042 or |
| 1 Back Stop 96"            | 1048    |
| 1 Left End Stop 36"        | 2103    |
| 1 Right End Stop 36"       | 2102    |
| 16 Bolts 1/4-20x1/2        | F1420S  |
| 16 Nuts 1/4-20             | F1420N  |
| 4 Wood Screws #14x3/4      | F1434SM |



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